

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete If Known

Application Number	10/087,81
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Filing Date	March 1, 2002
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First Named Inventor	Grube et al.
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Group Art Unit	2812
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Examiner Name	Not Known
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Attorney Docket No.	P177-US
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Sheet	1	of	1
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²

Examiner Signature	<i>[Signature]</i>	Date Considered	4/19/04
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Modified Form PTO/SB/08A

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U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
✓	1	3849728		Evans	11/19/1974	
✓	2	4480223		Aigo	10/30/1984	
✓	3	4567432		Buol et al.	1/28/1986	
✓	4	4837622		Whann et al.	6/6/1989	
✓	5	4899099		Mendenhall et al.	2/6/1990	
✓	6	4983907		Crowley	1/8/1991	
✓	7	4994735		Leedy	2/19/1991	
✓	8	5090118		Kwon et al.	2/25/1992	
✓	9	5103557		Leedy	4/14/1992	
✓	10	5148103		Pasiecznik, Jr.	9/15/1992	
✓	11	5162728		Huppenthal	11/10/1992	
✓	12	5177439		Liu et al.	1/5/1993	
✓	13	5185502		Shepherd et al.	2/9/1993	
✓	14	5191708		Kasukabe et al.	3/9/1993	
✓	15	5225777		Bross et al.	7/6/1993	
✓	16	5308443		Sugihara	5/3/1994	
✓	17	5399982		Driller et al.	3/21/1995	
✓	18	5513430		Yanof et al.	5/7/1996	
✓	19	5521518		Higgins	5/28/1996	
✓	20	5534784		Lum et al.	7/9/1996	
✓	21	5701666		DeHaven et al.	12/30/1997	
✓	22	5736850		Legal	4/7/1998	
✓	23	5806181		Khandros et al.	9/15/1998	
✓	24	5821763		Beaman et al.	10/13/1998	
✓	25	5828226		Higgins et al.	10/27/1998	

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Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
[initials]	26	5974662		Eldridge et al.	11/2/1999	
	27	6014032		Maddix et al.	1/11/2000	
	28	6043563		Eldridge et al.	3/28/2000	
	29	6050829		Eldridge et al.	4/18/2000	
	30	6133744		Yajima et al.	10/17/2000	
	31	6160412		Martel et al.	12/12/2000	
	32	6174744	B1	Watanabe et al.	1/16/2001	
	33	6184576	B1	Jones et al.	2/6/2001	
	34	6188231	B1	Palagonia	2/13/2001	
	35	6289583	B1	Belmont et al.	9/18/2001	

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FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				
[initials]	36	EP	802419	A2	Soejima et al.	10/11/1997		
	37	JP	05-029406		Nakao	2/5/1993		x
	38	JP	06-050990		Kazami	2/25/1994		x
	39	JP	08-015318		Suzuki et al.	1/19/1996		x
	40	WO	00/33096		Eldridge et al.	6/8/2000		
	41	WO	00/75677		Eslamy et al.	12/14/2000		
	42	WO	98/52224		Pedersen et al.	11/19/1998		

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[initials]	43	LEUNG et al., "Active Substrate Membrane Probe Card," Center For Integrated Systems Stanford University (Oct. 12, 1995)	

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